

20030323.qrp v02_n868.qrl.20030323

Date: Sun, 23 Mar 2003 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2868

QRP-L Digest 2868

Topics covered in this issue include:

- 1) [148008] 30m 300ohm folded dipole - shortened dipole.
by k4vib@att.net
- 2) [148009] Re: High speed Ham Network
by W2AGN <w2agn@w2agn.net>
- 3) [148010] UPDATED: the "Rock-Mite" files
by "Rod N0RC" <rod@n0rc.us>
- 4) [148011] Re: High Speed Internet on Ham Bands
by "DTX" <dtx@wood.tzo.com>
- 5) [148012] SST-30 Sold
by Steve Holloway <wsholloway1@yahoo.com>
- 6) [148013] Re: High Speed Internet on Ham Bands
by "Mike Yetsko" <myetsko@insydesw.com>
- 7) [148014] Re: High Speed Internet on Ham Bands
by "Mike Yetsko" <myetsko@insydesw.com>
- 8) [148015] Re: High Speed Internet on Ham Bands
by "Paul Mills" <quahog@localnet.com>
- 9) [148016] Linux programs....
by Rob Matherly <w0jrm@arrl.net>
- 10) [148017] Re: An In-Room, 80-Meter Transmitting Multiturn Loop Antenna
by DK3RED@t-online.de (Ingo Meyer DK3RED)
- 11) [148018] Re: Lightning (long) - cone of protection
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 12) [148019] re: using a Toaster oven for SMT soldering?
by "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
- 13) [148020] OT: Repairing older radios and such.
by john <johnmb@nc.rr.com>
- 14) [148021] SST-30 is sold
by Steve Holloway <wsholloway1@yahoo.com>
- 15) [148022] Re: 30m 300ohm folded dipole - shortened dipole.
by "George, W5YR" <w5yr@att.net>
- 16) [148023] FS: MFJ ATX Walkabout portable HF antenna (1899T)
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 17) [148024] Re: Linux programs....
by Juerg Tschirren <juerg-tschirren@uiowa.edu>
- 18) [148025] Re: Linux programs....
by Bob Nielsen <nielsen@oz.net>
- 19) [148026] RE: Linux programs....

- by "K8YS/N8LBR" <jbcraft@adelphia.net>
- 20) [148027] Re: Linux programs....
by "Paul M" <mooney@cytanet.com.cy>
- 21) [148028] FS: Tentec Argonaut II
by "Dennis Brickey" <n4dd@preferred.com>
- 22) [148029] Re: OT: Repairing older radios and such.
by Bruce Muscolino <w6toy@erols.com>
- 23) [148030] FS FT-817 w/ CW Filter
by ki3b@juno.com
- 24) [148031] Pesky Texan Armadillo Chase - CONTEST RESULTS
by "N1LN" <n1ln@earthlink.net>
- 25) [148032] OK QSO Party
by Larry Cahoon <lejek@erols.com>
- 26) [148033] Re: 30m 300ohm folded dipole
by Brian Short <bshort4@cox.net>
- 27) [148034] Re: Pesky Texan Armadillo Chase - CONTEST RESULTS
by Chuck Carpenter <w5usj@9plus.net>
- 28) [148035] RE: Linux programs....
by T + J Williams <wa0eir@comcast.net>
- 29) [148036] Re: 30m 300ohm folded dipole - shortened dipole.
by "KXBill" <w7kxb@cox.net>
- 30) [148037] ideas?...have you been down this road?...
by Bruce Rattray <rattray@gpfn.sk.ca>
- 31) [148038] Re: High Speed Internet on Ham Bands
by Bill Vodall <wa7nwp@jnos.org>
- 32) [148039] RE: 30m 300ohm folded dipole - shortened dipole.
by "Cecilio A. Bayona" <KD5NWA@cbayona.com>
- 33) [148040] weird... is this right?
by sergio <sergio@village-buzz.com>
- 34) [148041] Re: High Speed Internet on Ham Bands
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [148042] Re: 30m 300ohm folded dipole - shortened dipole.
by "George, W5YR" <w5yr@att.net>
- 36) [148043] Re: High Speed Internet on Ham Bands
by Robert Honan <robertus@harbornet.com>
- 37) [148044] Re: weird... is this right?
by "Pastor-kc1di" <elbc2@gwi.net>

Date: Sat, 22 Mar 2003 22:01:10 +0000
From: k4vib@att.net
To: qrp-l@lehigh.edu
Subject: [148008] 30m 300ohm folded dipole - shortened dipole.
Message-ID: <200303222201.h2MM1BJb006030@rain.CC.Lehigh.EDU>

Does anyone have any plans or know where I can download them for a 30m 300ohm
tv twinlead folded dipole??

Does anyone have any plans for a shortened 30m dipole suitable for use in a hotel room?

Thanks all,

Bill
K4VIB

Date: Sat, 22 Mar 2003 16:51:32 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: k5di@zianet.com, qrp-1@lehigh.edu
Subject: [148009] Re: High speed Ham Network
Message-ID: <3E7CDAE4.000003.60291@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Great. Done the right way, I see no problem. As I said, though, the guy that buys Cable Internet, or DSL, and tries this trick is going to have problems.

Frankly, that looked like what you were suggesting.

"In a small town one Ham buys a high speed internet service, and shares it with his Ham buddies. If your a buddy, you get 100 MHz internet service and if a real buddy you help pay for your share of the cost....:-) "

John W2AGN

-----Original Message-----

From: k5di@zianet.com
Date: Saturday, March 22, 2003 04:26:37 PM
To: Low Power Amateur Radio Discussion
Subject: High speed Ham Network

Rather than answer the two messages I received telling me that I will go to jail for doing exactly what a friend in town is already doing, is silly. You should not just set up a local area network, and then one person buy high speed internet service and hook everyone up on the QT. You tell the ISP your about to use what you plan to do. That is what Rodney did and the ISP gave him 6 ip numbers for his neighbors using his service.

Date: Sat, 22 Mar 2003 14:32:35 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"cqc-1" <CQCLIST@yahoogroups.com>
Subject: [148010] UPDATED: the "Rock-Mite" files
Message-ID: <019d01c2f0ba\$8e2b2250\$6601a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Long over due (but better late than never...)

A new Rock-Hunter, a new Link, Rock-Pile entries, and a cool new graphic
for the top of the page, courtesy Glenn WA7SPY.

More later this weekend....

73, Rod N0RC
the "Rock-Mite" files
<http://www.radioactivehams.com/~n0rc/rm/>
<http://www.qsl.net/n0rc/rm/> (Mirror Site)

Date: Sat, 22 Mar 2003 13:34:45 -0800
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-1@lehigh.edu>
Subject: [148011] Re: High Speed Internet on Ham Bands
Message-ID: <009501c2f0ba\$db9bcf80\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul,

I obviously have not read your TOS, but of all those I have read, none allow
residential service to be shared, split or resold. Many specifically do not
actually allow you to put a 2nd computer on line behind your firewall.

Whether we think it is fair or reasonable or challengeable is of no
consequence until a Carterfone case comes along and decides it in court.
Now, from a practical standpoint, will they ever come check you? Probably

not. Unless one of your friends starts doing something to cause a very high volume of traffic.

Gary WA6DTX

----- Original Message -----

From: "Paul Mills" <quahog@localnet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, March 22, 2003 12:30 PM

Subject: Re: High Speed Internet on Ham Bands

>

> ----- Original Message -----

> From: W2AGN <w2agn@w2agn.net>

> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> Sent: Saturday, March 22, 2003 9:40 AM

> Subject: Re: High Speed Internet on Ham Bands

>

>

> > Let's see.

> >

> > Is our "helpful" Joe Ham going to identify his station, as is
> required in

> > the Ham bands? NO? Violation #1

>

> Easy enough to do, eh? just program your server to id every 10
> minutes like a repeater.

>

> > Use of Ham Radio in commission of a Felony, (unless of course,
> he has

> > permission from the Internet Provider to "share" with his Ham
> buddies).

> > Violation #2.

>

> Felony? which Felony? Unless the ISP specifically forbids
> sharing, then its NONE OF THEIR BUSINESS what you do with your
> bandwidth. Even if they do, I think they would be on shaky
> ground. They can choke your bandwidth, perhaps, or block
> services, but what is beyond your firewall is your business, not
> theirs.

>

> >

> > Should be good enough for license revocation AND some jail
> time.

>

> >??? The FCC does not have authority (nor any interest in) to
> enforce ISP's service policies. Violating TOS is a contractual

> issue, not a criminal issue, let alone a jailable felony.
>
> >
> > Go for it!
> >
> >
> >
> >
> > +-----+ John L. Sielke
> > |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
> > +-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS
> >
> > -----Original Message-----
> >
> > From: k5di@zianet.com
> > Date: Saturday, March 22, 2003 09:02:50 AM
> > To: Low Power Amateur Radio Discussion
> > Subject: High Speed Internet on Ham Bands
> >
> > There is an inexpensive bunch of devices at Office Max that
> > have
> > a spread spectrum radios in them. They can be modified by a
> > Technician
> > Class ham to operate in the Ham band near 2,000 MHz. While a
> > non-ham
> > cannot modify these radios legally, we can put external
> > antenna's,
> > amplifiers, and such on the little devices.
> >
> > In a small town one Ham buys a high speed internet service,
> > and
> > shares it with his Ham buddies. If your a buddy, you get 100
> > MHz
> > internet service and if a real buddy you help pay for your
> > share of the
> > cost...:-)
> >
> > Go to <http://www.arrl.org/hmmm/> and see what's going on. It's
> > real QRP activity which does something useful.
> >
> >
> > --
> >
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
> >
> >
> > .
> >

>

Date: Sat, 22 Mar 2003 14:14:54 -0800 (PST)
From: Steve Holloway <wsholloway1@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [148012] SST-30 Sold
Message-ID: <20030322221454.6564.qmail@web12805.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Its spoken for.

72,

Steve KE4JZG

Do you Yahoo!?
Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
<http://platinum.yahoo.com>

Date: Sat, 22 Mar 2003 17:30:18 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <quahog@localnet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148013] Re: High Speed Internet on Ham Bands
Message-ID: <007501c2f0c2\$c18c1520\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Felony? which Felony? Unless the ISP specifically forbids
> sharing, then its NONE OF THEIR BUSINESS what you do with your
> bandwidth. Even if they do, I think they would be on shaky
> ground. They can choke your bandwidth, perhaps, or block
> services, but what is beyond your firewall is your business, not
> theirs.

Actually, in a lot of states, violating tariffs for access to things like
phone, cable TV, and now internet, DOES generate a 'criminal
violation' for what is called 'theft of service', and can be prosecuted
with some serious fines and even jail time.

What is behind your firewall IS their business, if it doesn't adhere to the requirements of the service you are paying for. That is not to say you cannot hook up multiple machines on a home account for multiple accesses. But most TOS agreements will prohibit you from what you do with that access. You cannot just buy a cable box and put HBO on display in a bar, for example. Or you cannot just buy your own pay phone and stick it in front of your house tied to your home 'personal family' phone line. (There ARE ways you can do that though if you have a 'business' line.)

Yes, the ISPs can throttle you as well, but that's NOT the issue. Almost all communities that have cable companies LICENSE the service through the local government, and they set 'special rates' for 'single family access' points. NOT for single computers, and that is the loophole that allows these things to even exist.

Mike

Date: Sat, 22 Mar 2003 17:32:16 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148014] Re: High Speed Internet on Ham Bands
Message-ID: <007601c2f0c2\$e615b860\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> There is an inexpensive bunch of devices at Office Max that have
> a spread spectrum radios in them. They can be modified by a Technician
> Class ham to operate in the Ham band near 2,000 MHz. While a non-ham
> cannot modify these radios legally, we can put external antenna's,
> amplifiers, and such on the little devices.
>
> In a small town one Ham buys a high speed internet service, and
> shares it with his Ham buddies. If your a buddy, you get 100 MHz
> internet service and if a real buddy you help pay for your share of the
> cost...:-)

As soon as you do ANY modification to devices like this the way you say, you are no longer operating them as consumers without a license on a 'shared service basis' with Amateur Radio. You are then operating them as HAM radio operators, and now fall under

the rules as if you are a HAM radio operator.

That means ID at periodic times. That means content restrictions on things like 'encrypted' data, and absolutely NO porn. Period. It could even mean the 'access point' to the wire net would be responsible if someone else on the net got unsolicited SPAM from a porn site.. The person at that access point would HAVE to be the 'responsible party' and block it.

Or your HAM license is at risk.

You cannot have it both ways. Either you are consumer operating consumer equipment with restrictions as consumers (ie, hands off the hardware, just plug and go) or you are a HAM, and using the consumer equipment essentially as 'parts' to 'build your own' (and yes, as HAMS we can legally declare the equipment to be valid via that path) but then you can't go back and try to say the equipment is consumer and not HAM.

This, overall, is an INCREDIBLY stupid idea for HAMS to become involved in other than as a technical experiment kind of thing. I hope no one is as shortsighted as to try to do this kind of activity!

And yes, it actually WOULDN'T be against most of the broadband ISP providers tariffs... IF (in most cases) the access account was SPECIFIED as a business account, or as a multi-access account. Heck, you wouldn't even need the 'multiple IPs' that someone mentioned. Use the 'subnet' IPs (the 192.x.x.x stuff) for dynamically assigned IPs would be enough. I just don't understand why someone would even ask for 6 static IPs? Unless they didn't know what they were talking about and hadn't 'really' done this, they were just rambling.....

But has anyone REALLY priced what a 'multi-IP' business account cost? It would probably be cheaper (not to mention honest) to just have each party in the neighborhood get their own access...

Yes, there ARE reasons to do 'private networks' to access the internet through one point. But COST is not one of them. Unless you're doing in on the sly.

Mike

Date: Sat, 22 Mar 2003 17:37:16 -0500
From: "Paul Mills" <quahog@localnet.com>

To: <QRP-L@Lehigh.EDU>
Subject: [148015] Re: High Speed Internet on Ham Bands
Message-ID: <000d01c2f0c3\$9b0ffb40\$55449942@cybrinjn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It is not "theft" to use something that you have paid for.
Hooking up to cable illicitly, or using a descrambler is theft
of service, doing what you want on your own side of a firewall
is NOT.

Paul KB1GEJ

----- Original Message -----

From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, March 22, 2003 4:07 PM
Subject: RE: High Speed Internet on Ham Bands

> High Speed Internet is great, as is the new technology.
> However, using it as
> suggested, to subscribe, for example, to a DSL or Cable
> Internet hookup,
> then "share" it via Ham radio with your "Ham Buddies." is
> still "Theft of
> Services."
>
> The technology is great, it is the misuse of it I object to.
>
> John W2AGN
>
> -----Original Message-----
>
> From: K8YS/N8LBR
> Date: Saturday, March 22, 2003 03:55:32 PM
> To: w2agn@w2agn.net; 'Low Power Amateur Radio Discussion'
> Subject: RE: High Speed Internet on Ham Bands
>
> IF you are REALLY interested, come check out the ham-80211
> group at
> yahoo groups...
>
> I am in the process of collecting the WAP and Wireless NICs so
> that I
> can start playing with 802.11b myself.
>

> Bob
>

Date: Sat, 22 Mar 2003 17:01:24 -0600
From: Rob Matherly <w0jrm@arrl.net>
To: qrp-1@lehigh.edu, fpqrp-1@fpqrp.com
Subject: [148016] Linux programs....
Message-ID: <0303221702390A.01194@localhost.localdomain>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi all;

I'm looking for linux progs to do the following:

SSTV
PSK-31
RTTY
Logging

Any suggestions?

--
72/73/oo
Rob, w0jrm (ex kc0bom) - w0jrm@arrl.net
ARRL, FPQRP -330, SOC #497, QRPP-I #19
IAQRP #143, ARS #1143, WATPK #1
<http://members.iowasocan.com/jimrob/>
"Eat salad, die anyway"

Date: Sun, 23 Mar 2003 00:18:55 +0100
From: DK3RED@t-online.de (Ingo Meyer DK3RED)
To: qrp-1@lehigh.edu
Subject: [148017] Re: An In-Room, 80-Meter Transmitting Multiturn Loop Antenna
Message-ID: <5.1.1.6.1.20030323001704.0239cd10@pop.btx.dtag.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Bill and Keith,

Yes, it is in the QST July 1993 on page 34.

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>
QRP ARCI #11295 <http://www.qrparci.org>

Date: Sat, 22 Mar 2003 18:15:48 -0600
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148018] Re: Lightning (long) - cone of protection
Message-ID: <005401c2f0d1\$5beb8cf0\$0100a8c0@MAIN>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've seen lightning hit right smack in the middle of the bare ground on a golf course embedded with very tall pine trees! My father had a garden shed get struck by lightning that was that was surrounded by tall trees while he was watching. I don't have much faith in the "cone of protection" either.

73,
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Sun, 23 Mar 2003 00:20:59 +0000 (GMT)
From: "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
To: <qrp-l@Lehigh.EDU>
Subject: [148019] re: using a Toaster oven for SMT soldering?
Message-ID: <20030323002059.49E0D4508@mo130uhou.palm.net>
Mime-Version: 1.0
Content-Type: text/plain ; boundary="-----_Part_12890_3018187.1048378859307"

Re: Toaster oven for soldering?

My friend Carl N2RVQ makes many DIY SMD projects with several heating devices. Those devices include reflow soldering by heating PCBs with a hotplate and showing me SMD device removal using one of those butane soldering irons.

I guess if you don't keep up with the pace of electronic soldering technology, you are in for some eyebrow raising times.

73 Adam Kb2jpd

Date: Sat, 22 Mar 2003 19:42:30 -0500
From: john <johnmb@nc.rr.com>
To: qrp-1@lehigh.edu
Subject: [148020] OT: Repairing older radios and such.
Message-ID: <3.0.3.32.20030322194230.0258e9cc@pop-server.nc.rr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm convinced it's easier to find tubes for a 60 year old radio, than semiconductors for a 25 year old one!

Sorry to hear about your Yaesu. Even Drake dropped the repair of their ham gear last year (they did pretty well, however, having repaired their gear for many decades after production).

John K5M0

Date: Sat, 22 Mar 2003 20:12:29 -0800 (PST)
From: Steve Holloway <wsholloway1@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [148021] SST-30 is sold
Message-ID: <20030323041229.29731.qmail@web12801.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Sorry its spoken for.

72,
Steve

Do you Yahoo!?
Yahoo! Platinum - Watch CBS' NCAA March Madness, live on your desktop!
<http://platinum.yahoo.com>

Date: Sat, 22 Mar 2003 23:39:30 -0600
From: "George, W5YR" <w5yr@att.net>
To: <k4vib@att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148022] Re: 30m 300ohm folded dipole - shortened dipole.
Message-ID: <015201c2f0fe\$94bb7db0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill, figure the length of a simple dipole for 10.110 MHz from $468/f = 46.3$ ft. Cut a length of twinlead this long. Short the two conductors together at the end and connect to an insulator. Do the same at the other end.

Find the center of the dipole by folding it in half. Cut ONE of the conductors at the midpoint. Expose about 1/4" of wire from each side of the cut.

Take the piece of twinlead that is to be the feedline and lay it over the top of the dipole and secure it with some sort of glue or a tiwrap or CA or even heat it gently and melt the two together carefully - that is the way we made them in the 40's!

Solder the feedline wire ends to the cut ends of the antenna. You now have a folded dipole for 30 meters with feedline attached. Z_0 is 300 ohms so if you want to feed it from a 50-ohm rig you will need a tuner to accomplish the impedance transformation. You might can do it with a 4:1 current balun but I would recommend a 1:1 current balun and let a single-ended tuner take care of the Z transformation to 50 ohms.

A folded dipole has no advantage whatsoever over a plain wire dipole except that its input impedance is 4 times what a dipole in the same location would be. So, if a dipole looks like 75 ohms, a folded dipole looks like 300 ohms and that is a good match to twinlead for a feedline.

But, it will radiate just like a dipole. It might have a slightly wider frequency response since it is "fatter" but that is about the only difference.

I don't know anything about a shortened folded dipole, but I would look at a plain wire dipole with loading coils.

Let me know if this isn't enough info . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: <k4vib@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, March 22, 2003 4:01 PM
Subject: 30m 300ohm folded dipole - shortened dipole.

> Does anyone have any plans or know where I can download them for a 30m
300ohm
> tv twinlead folded dipole??
>
> Does anyone have any plans for a shortened 30m dipole suitable for use in
a
> hotel room?
>
> Thanks all,
>
> Bill
> K4VIB

Date: Sun, 23 Mar 2003 00:24:59 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [148023] FS: MFJ ATX Walkabout portable HF antenna (1899T)
Message-ID: <Pine.LNX.4.44.0303230023360.6910-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Like new model MFJ-1899T portable antenna for 80-6 meters.

Comes with coil section, wander lead, and telescoping whip.

Ideal for use with FT-817 and other compact HF rigs.

\$129 new, asking \$100 shipped.

Thanks,

Scott N7JI

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sat, 22 Mar 2003 23:03:10 -0600 (CST)
From: Juerg Tschirren <juerg-tschirren@uiowa.edu>
To: Rob Matherly <w0jrm@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [148024] Re: Linux programs....
Message-ID: <Pine.LNX.4.44.0303222300140.6495-1000000@stratton.ecn.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For PSK31 I use kpsk <http://1409.linkt.de/projects/kpsk/>

For a listing of pretty much all the ham related Linux software out there
see <http://radio.linux.org.au/>

Juerg, N0PP

--... ..-... ..-.....-... ..-

On Sat, 22 Mar 2003, Rob Matherly wrote:

> Hi all;
>
> I'm looking for linux progs to do the following:
>
> SSTV
> PSK-31
> RTTY
> Logging
>
> Any suggestions?
>
> --
> 72/73/oo
> Rob, w0jrm (ex kc0bom) - w0jrm@arrl.net

> ARRL, FPQRP -330, SOC #497, QRPP-I #19
> IAQRP #143, ARS #1143, WATPK #1
> <http://members.iowasocan.com/jimrob/>
> "Eat salad, die anyway"
>

Date: Sat, 22 Mar 2003 23:31:20 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [148025] Re: Linux programs....
Message-ID: <20030323073120.GA3994@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sat, Mar 22, 2003 at 05:01:24PM -0600, Rob Matherly wrote:

> Hi all;
>
> I'm looking for linux progs to do the following:
>
> SSTV
> PSK-31
> RTTY
> Logging
>
> Any suggestions?

See <http://radio.linux.org.au> for links to programs for all of the
above (and more).

73,
Bob N7XY

Date: Sun, 23 Mar 2003 03:15:56 -0500
From: "K8YS/N8LBR" <jbcraft@adelphia.net>
To: <w0jrm@arrl.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [148026] RE: Linux programs....
Message-ID: <002201c2f114\$6e750d40\$1c184644@lbrtoh.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Rob, try this site.... I just looked real quick, and I see SEVERAL PSK31 programs for Linux

<http://www.qsl.net/wm2u/>

00
Bob

Date: Sun, 23 Mar 2003 12:37:42 +0200
From: "Paul M" <mooney@cytanet.com.cy>
To: <w0jrm@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148027] Re: Linux programs....
Message-ID: <00ee01c2f128\$40012d40\$2214fea9@g6g3h9>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Rob Matherly <w0jrm@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: 23 March 2003 06:40
Subject: Linux programs....

Hi all;

I'm looking for linux progs to do the following:

SSTV
PSK-31
RTTY
Logging

Any suggestions?

--
72/73/oo
Rob, w0jrm (ex kc0bom) - w0jrm@arrl.net
ARRL, FPQRP -330, SOC #497, QRPP-I #19
IAQRP #143, ARS #1143, WATPK #1

<http://members.iowasocean.com/jimrob/>
"Eat salad, die anyway"

Try the selection on:

<http://radio.linux.org.au/>

Paul M

Date: Sun, 23 Mar 2003 07:45:33 -0500
From: "Dennis Brickey" <n4dd@preferred.com>
To: <qrp-l@Lehigh.EDU>
Subject: [148028] FS: Tentec Argonaut II
Message-ID: <001101c2f13a\$191e2b80\$85f3e4ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks,

I have a Tentec Argonaut II in very good condition. Back lighting is bright, but I will include a replacement lighting strip with the radio. Please e-mail with questions and/or interest. \$475 plus shipping.

Thanks,

Dennis N4DD

Date: Fri, 21 Mar 2003 17:39:02 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: johnmb@nc.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [148029] Re: OT: Repairing older radios and such.
Message-ID: <3E7B9486.79962E5D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

In a sense it is easier to find tubes for a 60 year old radio than semiconductors for a 30 year old rig. The reasoning seems pretty simple. Tubes stabilized and were commonly used by many for the largest part of their build life. Transistors went through many iterations while they were being used. It is still easier to find NOS 6146's than Yaesu finals!

The end of Drake may have been more of a function of the sale of the company than anything else.

73

Date: Sun, 23 Mar 2003 14:29:23 GMT
From: ki3b@juno.com
To: qrp-1@Lehigh.EDU
Subject: [148030] FS FT-817 w/ CW Filter
Message-ID: <20030323.062935.21261.227082@webmail05.lax.unttd.com>

I have a FT-817 for sale with hand mike, shoulder strap, power cord, box, books, etc. along with the cw filter installed for sale. I'm asking \$585 shipped CONUS via UPS ground insured.

Please email ki3b@juno.com.

72 & 73,

Joe KI3B

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Sun, 23 Mar 2003 11:00:35 -0600
From: "N1LN" <n1ln@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "Chuck, N05W" <no5w@txucom.net>,
"Danny - N5BE" <drichards@houston.rr.com>,
Subject: [148031] Pesky Texan Armadillo Chase - CONTEST RESULTS

Message-ID: <00b901c2f15d\$be19a740\$9506fea9@station2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The complete Contest results are now posted on the web site: URL:
<http://www.w5nc.org/ptac/default.htm>

FINAL: First Place Armadillo: N5TW - Tom

> Congrats Tom - Tom is a two time winner, 2001 and 2003
> I will be ordering the PTAC Plaque in the next couple of weeks.

CURRENT: First - Third Place Chasers:

1st: N5IB - Jim, LA, sweep time: 62 minutes
2nd: K5SA - Skip, MS, sweep time: 96 minutes
3rd: AJ4AY - Mike, NM, sweep time: 111 minutes

> I will still accept Chaser logs until April 9 (4 weeks after the
Armadillo Chase), so if you have not yet sent yours in - please do so.

n1ln@arrl.net

As many have already stated, the conditions on Wednesday night (March 12 -
local time) were probably the worst that I have ever heard. All
the Armadillos reported being able to hear stations calling but just not
workable over the VERY VERY heavy QRN. Thanks to all that participated
this year and for the two previous years.

We will be back next March. Look for the postings on the WA7BNM Contest
Calendar - <http://www.hornucopia.com/contestcal/>, the
announcements on the QRP-L, and in the QRP contest listings, as well as our
web site.

Have a safe and happy year - and hope to work you next spring -

regards,
Bruce - N1LN (alias: K5PTC - Bob)

Date: Sun, 23 Mar 2003 17:07:48 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [148032] OK QSO Party

Message-ID: <5.1.0.14.0.20030323170439.00bb1a40@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I played around this weekend off and on in the OK QSO Party. There was more activity this year than I have seen in the past. Not a great amount, but it made it worth spending some free moments. Again I used the K1 and my dipole and ran 500 mWatts. Despite the fact that the propagation programs gave me less than 50% reliability for making any contacts at 1 watt, I was able to pull off over a dozen QSOs. A few more details and a map of which counties I managed to get are up at the web site on a link from the activities section.

It was a good bit of fun seeing who could hear me.

73 de Larry.....WD3P
<http://www.wd3p.net/>

Date: Sun, 23 Mar 2003 11:21:33 -0500
From: Brian Short <bshort4@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148033] Re: 30m 300ohm folded dipole
Message-ID: <82E90409-5D4B-11D7-8292-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v551)
Content-Transfer-Encoding: 7bit

I have an 80m folded dipole that I dearly love. I matched my folded dipole with a 1/4 wave section of 93 ohm coax.

Configured as an inverted vee, the feed point impedance is closer to 200 ohms and the 1/4 wave section will match it perfectly.

Using a folded dipole it is important to remember that on (even) harmonics, cancellation occurs in the antenna and therefore it is not a good choice for a multi-band antenna.

On Sunday, March 23, 2003, at 12:39 AM, George, W5YR wrote:

> Bill, figure the length of a simple dipole for 10.110 MHz from $468/f =$
> 46.3
> ft. Cut a length of twinlead this long. Short the two conductors
> together at

> the end and connect to an insulator. Do the same at the other end.
>
> Find the center of the dipole by folding it in half. Cut ONE of the
> conductors at the midpoint. Expose about 1/4" of wire from each side
> of the
> cut.
>
> Take the piece of twinlead that is to be the feedline and lay it over
> the
> top of the dipole and secure it with some sort of glue or a tiwrap or
> CA or
> even heat it gently and melt the two together carefully - that is the
> way we
> made them in the 40's!
>
> Solder the feedline wire ends to the cut ends of the antenna. You now
> have a
> folded dipole for 30 meters with feedline attached. Z_0 is 300 ohms so
> if you
> want to feed it from a 50-ohm rig you will need a tuner to accomplish
> the
> impedance transformation. You might can do it with a 4:1 current balun
> but I
> would recommend a 1:1 current balun and let a single-ended tuner take
> care
> of the Z transformation to 50 ohms.
>
> A folded dipole has no advantage whatsoever over a plain wire dipole
> except
> that its input impedance is 4 times what a dipole in the same location
> would
> be. So, if a dipole looks like 75 ohms, a folded dipole looks like 300
> ohms
> and that is a good match to twinlead for a feedline.
>
> But, it will radiate just like a dipole. It might have a slightly wider
> frequency response since it is "fatter" but that is about the only
> difference.
>
> I don't know anything about a shortened folded dipole, but I would
> look at a
> plain wire dipole with loading coils.
>
> Let me know if this isn't enough info . . .
>
> 73/72, George
> Amateur Radio W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

> "In the 57th year and it just keeps getting better!"
> <mailto:w5yr@att.net>
>
>
>
>
>
>
>
> ----- Original Message -----
> From: <k4vib@att.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, March 22, 2003 4:01 PM
> Subject: 30m 300ohm folded dipole - shortened dipole.
>
>
>> Does anyone have any plans or know where I can download them for a 30m
> 300ohm
>> tv twinlead folded dipole??
>>
>> Does anyone have any plans for a shortened 30m dipole suitable for
>> use in
> a
>> hotel room?
>>
>> Thanks all,
>>
>> Bill
>> K4VIB
>
>
--
See my web page: <http://www.k7on.com>

Date: Sun, 23 Mar 2003 11:43:37 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: "N1LN" <n1ln@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [148034] Re: Pesky Texan Armadillo Chase - CONTEST RESULTS
Message-ID: <3.0.2.32.20030323114337.007f42a0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Congrats to all, the huntees and hunters who persisted throughout the whole event.

Looking forward to next year (and better conditions)... [g]

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sun, 23 Mar 2003 12:48:35 -0500
From: T + J Williams <wa0eir@comcast.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [148035] RE: Linux programs....
Message-ID: <000001c2f164\$6dee42b0\$6401a8c0@adubn1.nj.home.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Rob,

I have a couple of programs that may be of interest to you. See:

<http://wa0eir.ham.org>

73,
Ted - wa0eir

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]
> On Behalf Of Rob Matherly
> Sent: Saturday, March 22, 2003 6:01 PM
> To: Low Power Amateur Radio Discussion
> Subject: Linux programs....
>
>
> Hi all;
>
> I'm looking for linux progs to do the following:
>
> SSTV
> PSK-31
> RTTY
> Logging
>
> Any suggestions?
>
> --

> 72/73/oo
> Rob, w0jrm (ex kc0bom) - w0jrm@arrl.net
> ARRL, FPQRP -330, SOC #497, QRPp-I #19
> IAQRP #143, ARS #1143, WATPK #1
> <http://members.iowasocean.com/jimrob/>
> "Eat salad, die anyway"
>

Date: Sun, 23 Mar 2003 11:31:26 -0700
From: "KXBill" <w7kxb@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [148036] Re: 30m 300ohm folded dipole - shortened dipole.
Message-ID: <003a01c2f16a\$69ffe2c0\$cfd60344@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello George:

Excellent post on the folded dipole and agree with your findings. However, I also found that my folded dipole was quieter, noise wise, than a straight dipole. Would also radiate well on the odd harmonic. If one band operation only, a half wave, or multiple thereof, shorted transmission line will be very close to the 50 ohm point for the balun connection. A good way to eliminate the AT and possibly save a couple DB's.

There is published data that shows the placement of shorting bars towards the ends, using $468 \times V_f/f$. Doing so, as I remember (AIR?), will broaden the bandwidth a skosh. If more is required, consider the three wire folded dipole.

Sorry for the mind dump George.

Regards
Bill Harris

Date: Sun, 23 Mar 2003 13:10:50 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-1@LeHigh.EDU>
Subject: [148037] ideas?...have you been down this road?...
Message-ID: <Pine.LNX.4.33.0303231259030.10272-100000@neale.gpfn.sk.ca>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For the past year I have been using a pair of Yaesu YH-77STA headphones, 32 ohms, with my K2...they are the best I've ever used....but they have a weak spot...the actual speakers have a black knob on the back which pushes into a small finger-like female piece of plastic (2 halves of a circle) which is attached to the lower part of the headband...once inserted, this combination allows the speaker to swivel...one of the 2 half pieces on the headband has broken off...

...assuming one cannot obtain a replacement plastic "holder" which fits on the metal headband, I'm wondering if my choices are limited to gluing the plastics together, losing the swivel action but being able to then use this fine headset again?...thanks for any help...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 23 Mar 2003 11:22:11 -0800
From: Bill Vodall <wa7nwp@jnos.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148038] Re: High Speed Internet on Ham Bands
Message-ID: <4.2.0.58.20030323110734.00b662a0@jnos.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>As soon as you do ANY modification to devices like this the way
>you say, you are no longer operating them as consumers without a
>license on a 'shared service basis' with Amateur Radio. You are
>then operating them as HAM radio operators, and now fall under
>the rules as if you are a HAM radio operator.

Actually, there is some limited experimentation allowed under Part-15 rules and you can play a bit. It's when you start exceeding the 1 Watt power restriction that you really have to go to using it as a Part-97 device.

An individual can legally make small changes on up to 5 units. Beyond that it needs to be certified commercial systems.

>That means ID at periodic times. That means content restrictions
>on things like 'encrypted' data,

Right. That's why there are so few instances when it makes sense to call it Part-97 equipment. I'll stick with the low power of Part-15 and not worry about what goes on the air. Given my location, there's nobody I could reach DX on 2.4 GHz with .1 or 10 watts so it doesn't matter here.

Besides - keeping this a bit on topic here - Part-15 is QRP. You only need Part-97 if you want to run QRO. :) Wi-Fi equipment available is cheap and sophisticated. Great for playing with and experimenting.

>and absolutely NO porn. Period.

Actually the PORN rules we amateurs live under aren't all that different from the rules on the broadcast media and cell phones. Fortunately most folks have sense enough to not push it and keep the ham operations clean.

>This, overall, is an INCREDIBLY stupid idea for HAMS to become
>involved in other than as a technical experiment kind of thing. I
>hope no one is as shortsighted as to try to do this kind of activity!

The Part-15 community wireless organizations are using some incredible nifty technology and are doing neat stuff. They do a good job of complementing Amateur activities. Check them out if you want to do some local area wireless networking.

<http://www.seattlewireless.org>
<http://www.bayug.org>
.. and many others

73,
Bill - WA7NWP

Date: Wed, 23 Mar 2011 15:18:13 -0600
From: "Cecilio A. Bayona" <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [148039] RE: 30m 300ohm folded dipole - shortened dipole.
Message-ID: <FGEMLJDCBIMMILHGIBJIOEHLCDAA.KD5NWA@cbayona.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You need to multiply the length by the velocity factor of the twinlead to get the correct length. It is somewhere between .7 to .9 depending on the selected twinlead.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of George, W5YR

Sent: Saturday, March 22, 2003 11:40 PM

To: Low Power Amateur Radio Discussion

Subject: Re: 30m 300ohm folded dipole - shortened dipole.

Bill, figure the length of a simple dipole for 10.110 MHz from $468/f = 46.3$ ft. Cut a length of twinlead this long. Short the two conductors together at the end and connect to an insulator. Do the same at the other end.

Find the center of the dipole by folding it in half. Cut ONE of the conductors at the midpoint. Expose about 1/4" of wire from each side of the cut.

Take the piece of twinlead that is to be the feedline and lay it over the top of the dipole and secure it with some sort of glue or a tiwrap or CA or even heat it gently and melt the two together carefully - that is the way we made them in the 40's!

Solder the feedline wire ends to the cut ends of the antenna. You now have a folded dipole for 30 meters with feedline attached. Z_0 is 300 ohms so if you want to feed it from a 50-ohm rig you will need a tuner to accomplish the impedance transformation. You might can do it with a 4:1 current balun but I would recommend a 1:1 current balun and let a single-ended tuner take care of the Z transformation to 50 ohms.

A folded dipole has no advantage whatsoever over a plain wire dipole except that its input impedance is 4 times what a dipole in the same location would be. So, if a dipole looks like 75 ohms, a folded dipole looks like 300 ohms and that is a good match to twinlead for a feedline.

But, it will radiate just like a dipole. It might have a slightly wider frequency response since it is "fatter" but that is about the only difference.

I don't know anything about a shortened folded dipole, but I would look at a plain wire dipole with loading coils.

Let me know if this isn't enough info . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: <k4vib@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, March 22, 2003 4:01 PM
Subject: 30m 300ohm folded dipole - shortened dipole.

> Does anyone have any plans or know where I can download them for a 30m
300ohm
> tv twinlead folded dipole??
>
> Does anyone have any plans for a shortened 30m dipole suitable for use in
a
> hotel room?
>
> Thanks all,
>
> Bill
> K4VIB

Date: Sun, 23 Mar 2003 16:22:39 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-l@Lehigh.EDU
Subject: [148040] weird... is this right?
Message-ID: <5.1.1.6.0.20030323161826.021c5228@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

i was wondering how close the tuning on my hw-8 was.. so i tuned in to an
ssb signal on 40m.. and tuned to the same signal on my shortwave radio..

it turns out that 7185 on shortwave = 7200 on hw-8

but .. that's not the weird thing..

i found that if i tuned a freq, say 7040 on my shortwave.. and tuned down to that freq on the hw-8..

you can hear the hw-8 sweep across the frequency... like. that same dc sweeping sound..

incidentally .. 7040 on shortwave = 7050 on hw-8..

should i be hearing the hw-8 sweep on the shortwave?

do i have some sort of a problem?

peace,

sergio

www.village-buzz.com - "the village buzz"

www.mp3.com/village_buzz - "the rock n roll, baby!"

www.coffee-black.com - rock photo!

phone ... 419 606 0557

to subscribe to The Village Buzz, send a blank email to:

VB-Announce-subscribe@yahoogroups.com

www.amazon.com/o/registry/3L7DM7FMR50QU <- buy me some swag!

Date: Sun, 23 Mar 2003 16:32:11 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <wa7nwp@jnos.org>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [148041] Re: High Speed Internet on Ham Bands

Message-ID: <004601c2f183\$baa85900\$0200a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> >As soon as you do ANY modification to devices like this the way
> >you say, you are no longer operating them as consumers without a
> >license on a 'shared service basis' with Amateur Radio. You are
> >then operating them as HAM radio operators, and now fall under
> >the rules as if you are a HAM radio operator.
>

> Actually, there is some limited experimentation allowed under Part-15
> rules and you can play a bit. It's when you start exceeding the 1 Watt

> power restriction that you really have to go to using it as a Part-97 device.

>

> Bill - WA7NWP

While I haven't looked into this in detail, some of the 'similar' things I HAVE looked into in the past treated the device as a whole. While there are obvious power issues, there were also issues that would void the device from it's original service if you messed with antennas. I'd have to look to see if it would be legal here for an antenna modification to consumer wireless network and still be compliant.

By the way, cell phones, for example. You can run external antennas on your cell phone. But did you know it's illegal to hook up a beam antenna to your cell phone if the gain is over a certain figure? Although I've NEVER heard of anyone ever getting busted or even problems from it. In fact, if you were in the boonies and a gain antenna on your cell phone was the only way to get service, who would care, right? But it could technically be illegal.

And as HAMS, do we really want to be skirting the edge like this with technicalities?

Mike

Date: Sun, 23 Mar 2003 15:43:55 -0600

From: "George, W5YR" <w5yr@att.net>

To: <KD5NWA@cbayona.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [148042] Re: 30m 300ohm folded dipole - shortened dipole.

Message-ID: <00ed01c2f185\$4eb563d0\$0401a8c0@PS>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Sorry, but that is incorrect. The dipole length is NOT shortened by the Vp of the line. The antenna proper is not operating as a transmission line so the Vp of the material does not enter into the design. Use the regular formula as a starting point for the antenna length.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Cecilio A. Bayona" <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 23, 2011 3:18 PM
Subject: RE: 30m 300ohm folded dipole - shortened dipole.

> You need to multiply the length by the velocity factor of the twinlead to
> get the correct length. It is somewhere between .7 to .9 depending on the
> selected twinlead.

Date: Sun, 23 Mar 2003 13:55:11 -0800
From: Robert Honan <robertus@harbornet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [148043] Re: High Speed Internet on Ham Bands
Message-ID: <3E7E2D3F.1015491D@harbornet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Make that <http://www.seattlewireless.net/>

Bill Vodall wrote:

> The Part-15 community wireless organizations are using some incredible
> nifty technology and are doing neat stuff. They do a good job of
> complementing Amateur activities. Check them out if you want to do
> some local area wireless networking.
>
> <http://www.seattlewireless.org>
> <http://www.bayug.org>
> .. and many others
>
> 73,
> Bill - WA7NWP

--

Robert J. Honan, W7EG

~~~~~

Fermez la bouche, Monsieur Bush!  
<http://www.livejournal.com/users/rhonan/>

-----  
Date: Sun, 23 Mar 2003 17:12:44 -0500 (Eastern Standard Time)  
From: "Pastor-kc1di" <elbc2@gwi.net>  
To: <sergio@village-buzz.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [148044] Re: weird... is this right?  
Message-ID: <3E7E315C.000001.00200@DOR>  
MIME-Version: 1.0  
Content-Type: Text/Plain  
Content-Transfer-Encoding: quoted-printable

=0D  
Hi Serigo,=0D  
=0D  
To answer your last question first.. What you are hearing on the Shortwav=  
e  
is correct for a direct conversion RX. Where the oscillator is turned on=  
at  
all times on the desired Frequency. The Term Direct conversion means tha=  
t  
the osilator and the frontend are both tuned to the operating frequency a=  
nd  
thus the can Similar to the Regens of old emit a pretty good Osillator  
signal. at to the calibration that not two far off for an HW-8. I've  
owned several of them and non was ever directly on frequency.. these thi=  
ngs  
were designed before there was a great need for accurate frequency readou=  
ts.  
and were as good as most other radios of that time. You can taylor the  
accuracy somewhat to the portion of the band you desire to work. but the  
tuning will not track accross the whole band. Just from my observations.=

=0D  
Have fun with it they are a fun rig to use on the air. =0D  
73/72 Dave KC1DI=0D

=0D  
-----Original Message-----=0D  
=0D

From: sergio@village-buzz.com=0D  
Date: Sunday, March 23, 2003 4:37:28 PM=0D  
To: Low Power Amateur Radio Discussion=0D  
Subject: weird... is this right?=0D  
=0D

=0D  
i was wondering how close the tuning on my hw-8 was.. so i tuned in to an=  
=0D  
ssb signal on 40m.. and tuned to the same signal on my shortwave radio..=0D  
=0D  
it turns out that 7185 on shortwave =3D 7200 on hw-8=0D  
=0D  
but .. that's not the weird thing..=0D  
=0D  
i found that if i tuned a freq, say 7040 on my shortwave.. and tuned down=  
=0D  
to that freq on the hw-8..=0D  
=0D  
you can hear the hw-8 sweep across the frequency... like. that same dc =0D  
sweeping sound..=0D  
=0D  
incidentally .. 7040 on shortwave =3D 7050 on hw-8..=0D  
=0D  
should i be hearing the hw-8 sweep on the shortwave?=0D  
=0D  
do i have some sort of a problem?=0D  
=0D  
=0D  
\_\_\_=0D  
peace,=0D  
sergio=0D  
www.village-buzz.com - "the village buzz"=0D  
www.mp3.com/village\_buzz - "the rock n roll, baby!"=0D  
www.coffee-black.com - rock photo!=0D  
phone ... 419 606 0557=0D  
to subscribe to The Village Buzz, send a blank email to:=0D  
VB-Announce-subscribe@yahoogroups.com=0D  
www.amazon.com/o/registry/3L7DM7FMR50QU <- buy me some swag!=0D  
=0D  
=0D  
=0D  
=2E=20

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End of QRP-L Digest 2868

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